Cera

USER MANUAL

Design

The Cera is designed for simplicity and reliability. They are all hand assembled so warm up times can vary slightly (a couple seconds). The Cera Cartridge simply threads into the top of the body. The body holds an 18650 Battery of 3.7V. If you did not purchase the battery from us it will need to contain the following characteristics: 18650 size, 3.7V and a minimum of 6 amperage rating. The mAh will determine how long each charge lasts. For performance and life we recommend the batteries available on our website.

The switch that powers the vaporizer on/off is momentary and will need to be depressed while in use. Once you let go, the power is off. This is located on the very bottom of the device. You can easily hold the vaporizer with one hand while depressing the power button by making a fist on the bottom and using the index, middle or opposing finger to press the button.

Each cartridge will have a different warm up time. This will vary depending on what type of material is loaded as well.

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CONFIGURATION

Loose Leaf

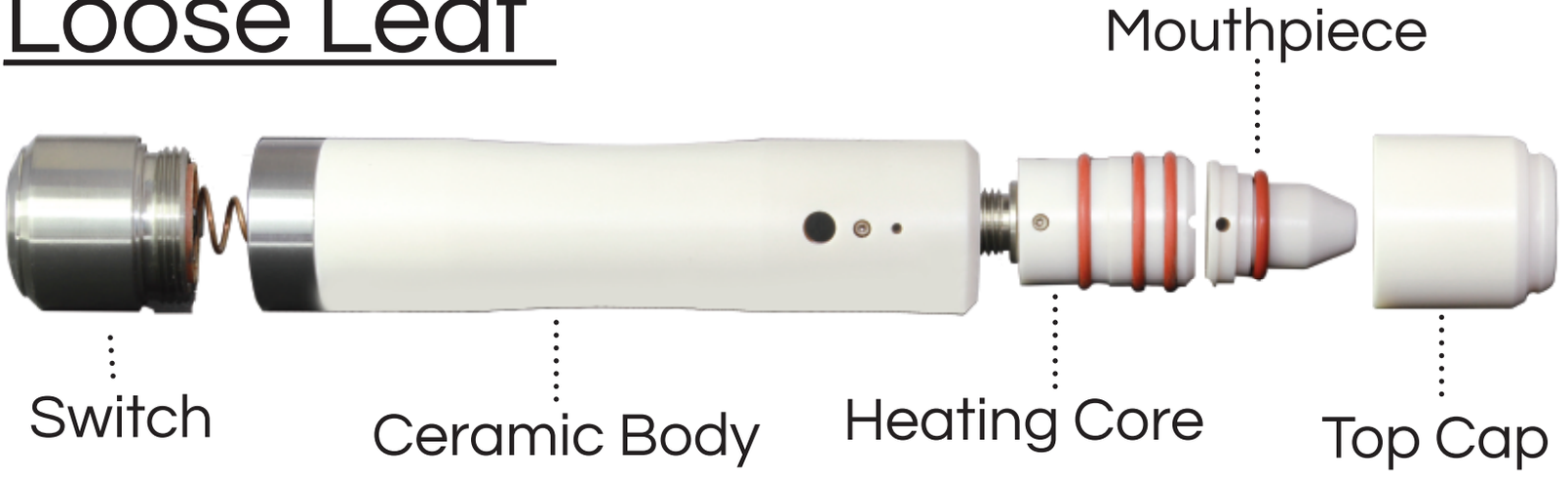
Oil

*Optional
Cartidges
sold sepratly

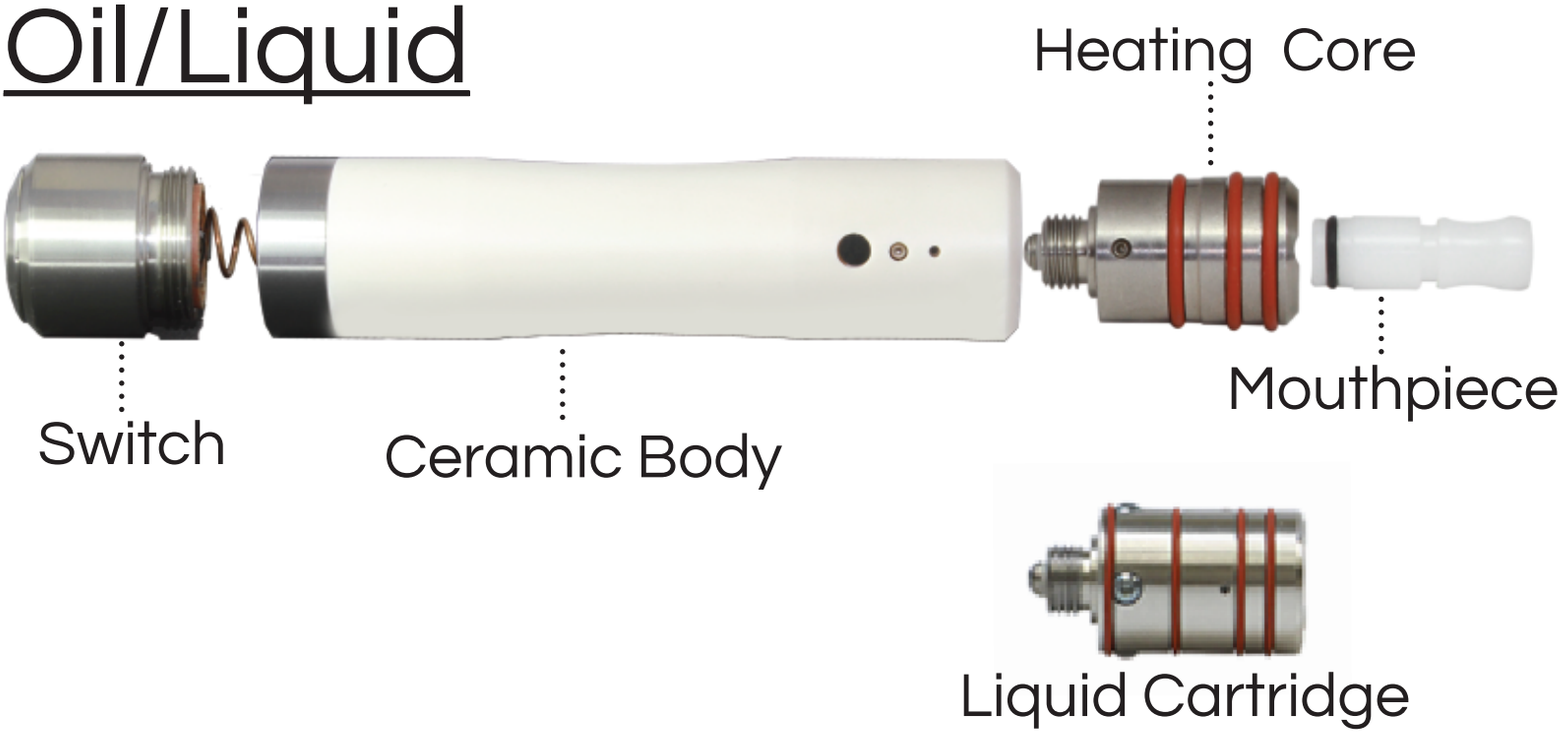
Liquid

BREAK DOWN

Loose Leaf



Oil/Liquid



BASIC OPERATION

To insert battery turn counter-clockwise to remove Bottom Switch

Insert charged battery positive side up & re-insert Switch

To load pull Top Cap off while Applying a clockwise twist

*Caution: Heating Chamber can be extremely hot

Depress and hold Switch to turn on

Turn counter clockwise to remove heating core.

Turn clockwise to re-insert Heating Core

LOOSE LEAF STEPS

Peparing Material

For the first technique, exploit the advantages of the basic Cera system to simplify the task by drying the material. Grind your botanicals and cure (dry) them well. Removing the water before is important, it has to be very dry to vape well (the water has to be evaporated off first, robbing vaping power in the process).

Loading Material

Load the Cartridge with a medium to fine grind of the material. Fill Cartridge to the brim and lightly pack the material down. Place the Top Cap and Mouthpiece over the Cartridge.

Warm Up

Proceed with a 20-30 second warm up time. This is done by turning on the device by depressing and holding the momentary Switch. Follow up with a very slow and steady inhale. It is important to note that the hot air needs to contact and circulate the chamber air, bringing the material up to vaping temperature. Note: the quicker the draw, the cooler the chamber will become, while a slower draw will warm up the chamber; each user will find their own prefer-

LOOSE LEAF STEPS cont.

Inhalation

The quicker the draw, the cooler the chamber will become, while a slower draw will warm up the chamber; each user will find their own preference. After each inhalation release the switch to not overheat the material or the device, this will also increase battery life. After the first initial warm up, the device will retain the heat, back to back inhalations will not require a warm up each time. It is recommended for the user to try different inhaling techniques, as some may work well for some users, while other techniques will not.

Checking Material

Pull the Top Cap off at anytime to check the progress. Over time the center part of the material will shift from green to brown as vaping progresses. The darker area will naturally spread to all of the material, no stirring is normally needed but can be done. Most users stop vaping when production tapers off, or a 'burnt popcorn taste' appears. When these symptoms occur, check material and reload if needed.

Reloading

When the vapor production tapers off, it will indicate that most of the material has been vaporized. Remove top cap to discard material (you will notice a change in color), reload material as mentioned in "Loading Material"

*Caution: Using the Cera for an extended amount of time can make the device hot to the touch.

LOOSE LEAF CLEANING

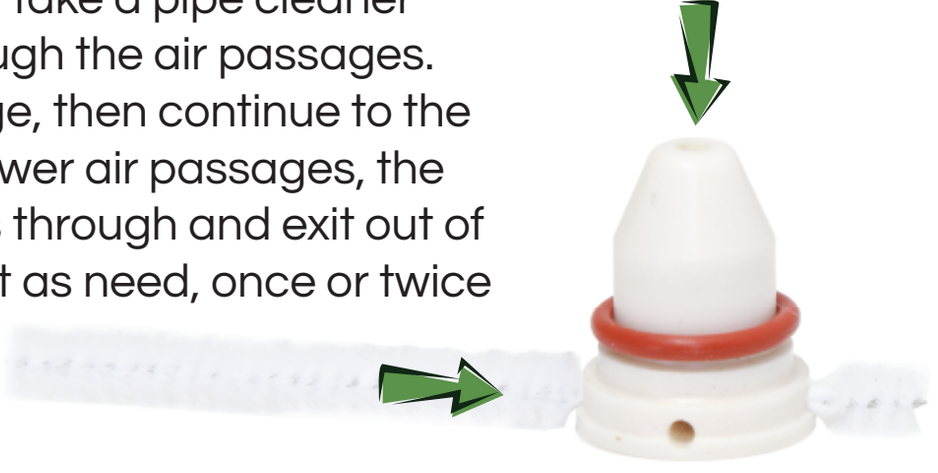
Dry/Wet Wipe

Remove Ceramic Top Cap, give a 20 second dry burn, this will warm the residue on the heating chamber. With a Q-tip or tissue, simply wipe the residue off the ceramic surfaces; this works very well if the Q-tip or tissue is lightly soaked with Isopropyl Alcohol. Repeat if necessarily.

Mouthpiece Cleaning

Remove Top Cap, and press down on mouthpiece; the two should separate, be sure not to loose the O-ring that sits around the mouthpiece. With a Q-tip or tissue, wipe the inside of the cap of residue, do the same with the mouthpiece and O-ring.

To clean the Mouthpiece, take a pipe cleaner and run the cleaner through the air passages. Start with the top passage, then continue to the side passages. For the lower air passages, the pipe cleaner should pass through and exit out of the opposite side. Repeat as need, once or twice should be sufficient



E-LIQUID STEPS

E-Liquid Design

This Cartridge is designed for PG or VG based E-liquids. The Cartridge utilizes porous ceramic as wicking material. Each Cartridge is made up with 3 various porous ceramics: Top wafer, Circle wick, and RES wick. Reservoir Expansion System (RES) is integrated part of the cartridge; its purpose is to create additional wicking and to provide a sealed air path to prevent leakage. Air is forced through the RES from external air inlets then fed to the pours ceramic wicks surrounding the heating element.

First Time Filling

When receiving your E- Liquid cartridge, place 3-5 drop of E-Liquid directly on top of the ceramic wick. Notice how the wicking material absorbs the liquid down into the Cartridge. Be sure not to overfill the Cartridge, overfilling can cause over saturation to the wicking material and can result in poor performance.

Inhalation

Depress the switch to activate the device; within 2-3 seconds a light fizzle should be herd from the cartridge. This sound indicates the device is ready and can be used as pleased. Take slow long drags through the mouthpiece while depressing the switch. Release the switch after each drag to conserve power and to not burn any E-Liquid.

E-LIQUID STEPS Cont.

Refilling

When vapor production tapers off this may be indication to refill the cartridge. A dry peppery throat hit can also indicate that the cartridge needs to be refilled and is low on E-liquid. To Refill simply remove mouthpiece and add 2-3 drops of E-Liquid (This can also be done through a drip tip style mouthpiece) Allow a few seconds for the porous ceramic to absorb the E-Liquid. Blowing lightly through the mouthpiece can help push the E-Liquid down into the cartridge. Once again do not overfill the cartridge. If you do find the cartridge overfilled, fallow our troubleshooting section.

Troubleshooting

If you are having trouble-producing vapor with your device, follow these steps to pin point issues.

1. Make sure that the battery is fully charged, a weak battery will cause inadequate heat to produce vapor.
2. A quick test to see if the heating core is working; depress the switch for 2-3 seconds, a hiss/sizzle sound should omit from the cartridge.
3. Make sure the cartridge is adequately filled.
4. If the vaporizer is still under performing after the above steps, the cartridge can be flooded from being overfilled; a simple method is to gently blow through the mouthpiece to force E-Liquid into the RES Wick away from the heating element. If the RES Wick is already saturated, E-Liquid may leak from the outer air inlets, wipe with tissue paper if needed.

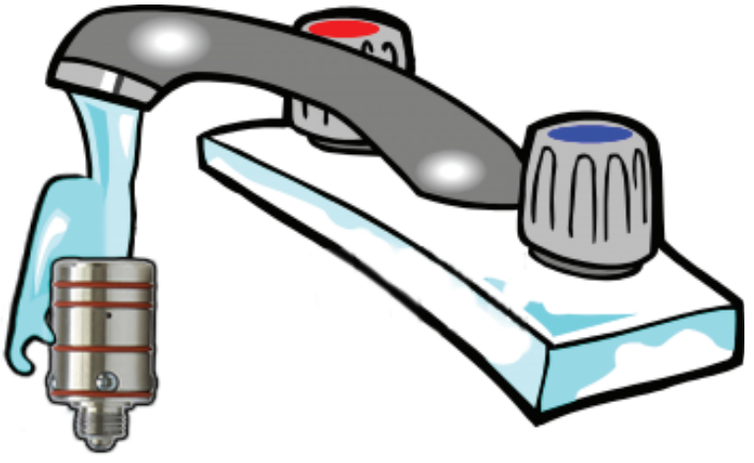
E-LIQUID CLEANING

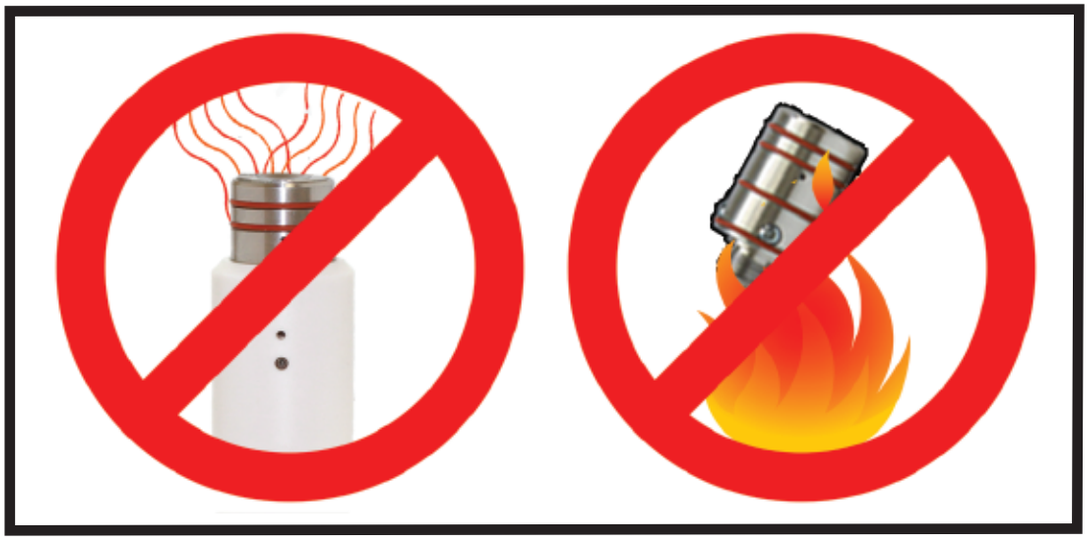
Cleaning

Cleaning the cartridge is part of general main- tenance and can increase the longevity of the E-Liquid Cartridge. Cleaning can depend on the E-Liquid, intervals, and usage. If there is a harsh/burnt taste, poor draw, or tapered vapor production, cleaning is recommended to re- store performance.

Flushing & Drying

Unscrew the Cartridge and remove the mouthpiece before flushing the car- tridge. Run the Cartridge under hot water. Use the mouthpiece to blow the water through Cartridge and out through the air inlets, repeat this pro- cess several times. Thoroughly force the water out and let the car- tridge sit up right for 24 hours.





*Do not force dry, or turn on the heating element; this will fatigue the wire and will risk heater ele- ment failure.

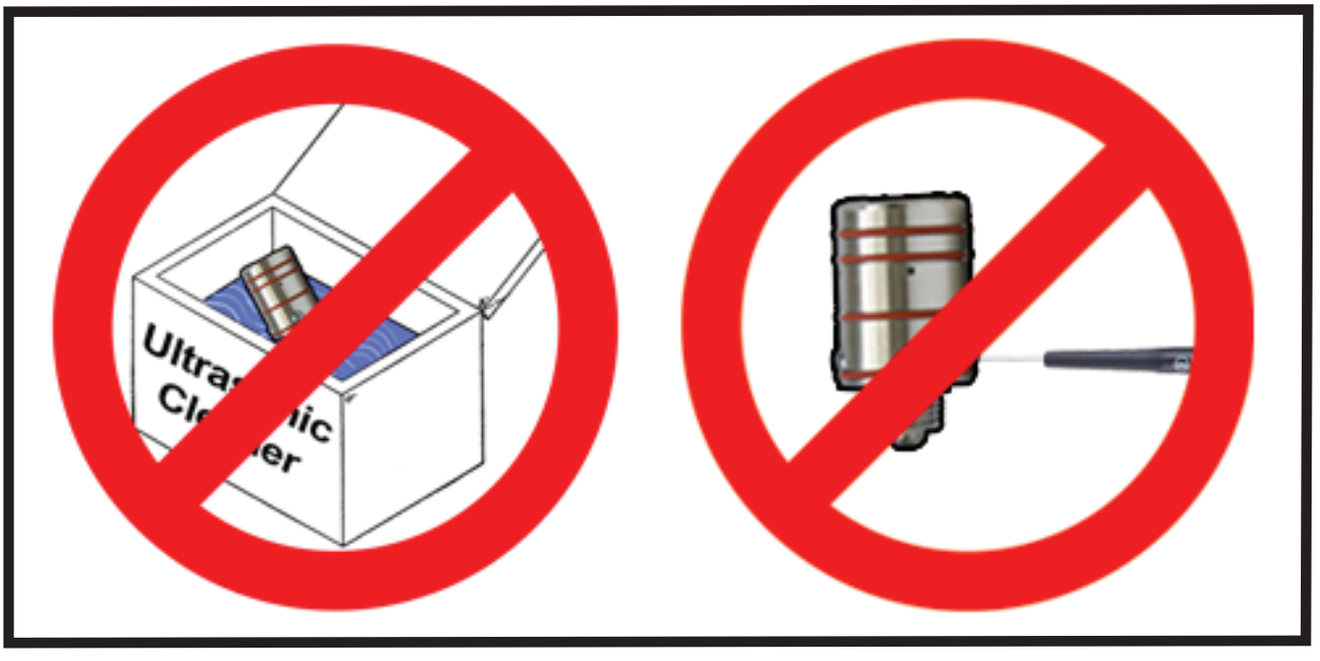
E-LIQUID CLEANING CONT.

Storage

When storing the liquid cartridge longer then a month, it is recommended to flush out the cartridge as described. E-Liquid has a tendency to dry up and harden if not used on the regular basis, to prevent crystalized build up be sure to thoroughly flush and dry cartridge if stored for an extended amount of time.

Warning

-Ultrasonic Cleaners are not recommended and will void the warranty; the frequency of the cleaner has had a tendency to cause failure to heating chambers.
-Do Not attempt to open heating chamber by removing screws and internally clean. This will void warranty



OIL STEPS

Cleaning: Is recommended when performance is lacking, it is part of periodic maintained that varies with usage. We do recommend cleaning when the device is stored for a long period of time as material can harden and can damage the Heating Core.

Material & Core Design

This Cartridge can hold up to .5 grams of oil, wax or butters. There are some materials that will work but aren't ideal for this cartridge. A few things to keep in mind; The oil cartridge is made up of 4 porous ceramic rings and 1 ceramic wafer on top. The rings surround the heating core, suspending the material in close proximity for efficiency and performance.

(Porous Ceramic)

*Material needs to be able to melt into a liquid to be absorbed into the porous ceramic materials. Dried concentrates should be used in the Loose Leaf Cartridge as they do not melt down and stay solid.

Loading Material

To load pull the mouthpiece off and place material on top of the porous ceramic wick, be cautious to not poke or scrape the porous ceramic wick and cause unwanted damaged. Once the substance is placed in the chamber, depress the switch to warm up the chamber, you will notice the material liquefy and soak into the porous ceramic. For thicker wax materials use a toothpick to gently stir or pop any bubbles.

Warm-up & Inhalation

When material is fully saturated into the porous ceramic the device is now ready to be used. Depress switch to give a 5 second warm-up. Slowly inhale until vapor becomes thick, once up to temperature inhale as you please.

OIL STEPS CONT.

Checking & Reloading

When vapor production tapers off, this indicates that most of the material has been vaporized. Remove the mouth piece and check if the material walked up the walls of the chamber, if so use a applicator to push material back down to the porous ceramic, once again be sure not to damage top ceramic. To reload simply repeat the steps stated in “Loading Material”, it is suggested to put 0.25 gram of material for reloading.

Mouthpieces

Ceramic Top Cap & mouthpiece

510 Mouthpiece

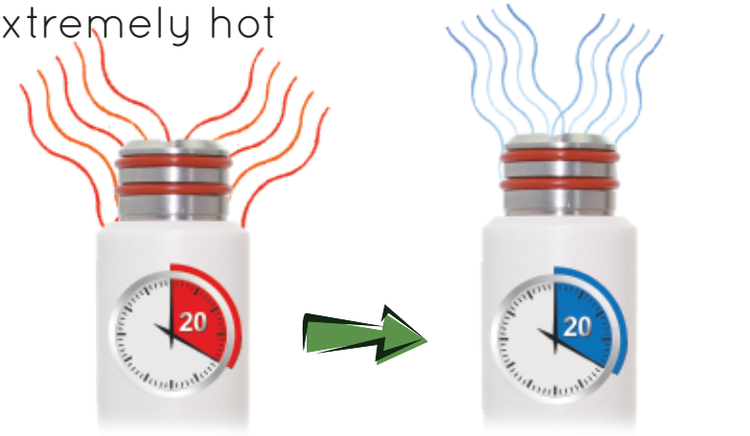
Ceramic Top Cap with 510 mouth piece

OIL CLEANING

Dry Clean

*Caution: Heating Chamber can be extremely hot

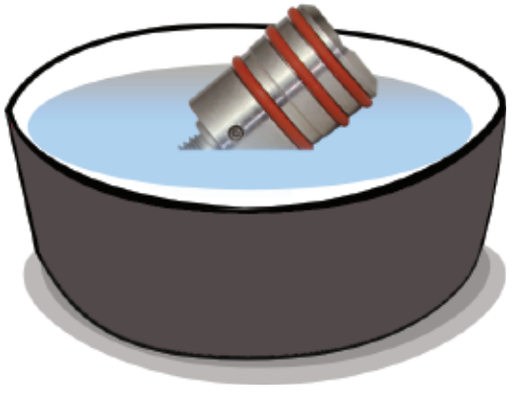
Dry clean: First pull off mouthpiece before cleaning. To dry clean simply turn the device on for 20 seconds and let the device cool off for another 20 seconds, repeat this cycle 3-5 times or until you see visible vapor dissipate. *Use caution with excessive cycles as the heating core can become very hot, be sure to let the core cool off between cycles.



20 Seconds on 20 Seconds off

Isopropyl Alcohol Soak

*91% Alcohol



Unthread the heating chamber as described in "Basic Operation". Once removed get a container to hold the Isopropyl Alcohol, place the heating chamber in the container and make sure to fully submerge the chamber. Soak for 15-30 minutes and repeat if necessary. We also recommend to rinse or to boil chamber after an Isopropyl soak. Once cleaned allow adequate time to dry, we recommend to let dry overnight. *Do not to force dry using ovens or internal heating element, as this may damage the heating element.

Boiling

Unthread the heating chamber as described in "Basic Operation". Place heating chamber in boiling water for 15-30 minutes; repeat if necessary. Once cleaned it is important to fully dry out the heating chamber before use. *Do not to force dry using ovens or internal heating element, as this may damage the heating element.

OIL CLEANING CONT.

Warning

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-Do Not attempt to open heating chamber by removing screws and internally clean. This will void warranty